**Activity: Bags O’Atoms**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Materials: 4 Bags O’ Atoms

Record your four bag numbers here: \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_\_ \_\_\_\_\_\_

The bags are models of atoms. The **\_\_\_\_\_\_\_\_\_\_\_\_\_\_** beads represent **protons**, the \_\_\_\_\_\_\_\_\_\_\_ beads represent **neutrons**, and the black dots represent electrons. Using your bags, complete the table below:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Bag #** | **# protons** | **# neutrons** | **# electrons** | **Mass Number** | **Element Name** | **Charge** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |